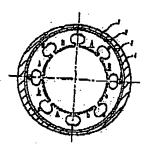
Inventor: ZHU
Docket No.: 09548.1007USWO
Title: AN OUTER MAGNETIC CIRCUIT BIAS MAGNETIC BIAS RELUCTANCE
MACHINE WITH PERMANENT MAGNETS
Attorney Name: Michael D. Schumann
Phone No.: 612.455.3803
Sheet 1 of 2

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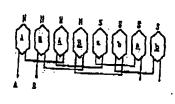
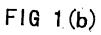


FIG 1(a)



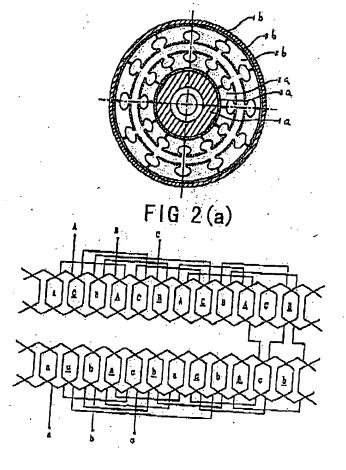
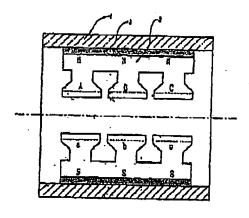


FIG 2(b)

Inventor: ZHU
Docket No.: 09548.1007USWO
Title: AN OUTER MAGNETIC CIRCUIT BIAS MAGNETIC BIAS RELUCTANCE
MACHINE WITH PERMANENT MAGNETS
Attorney Name: Michael D. Schumann
Phone No.: 612.455.3803
Sheet 2 of 2

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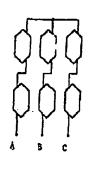
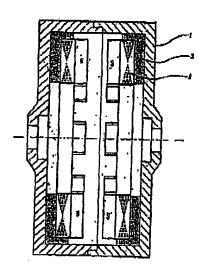


FIG 3(a)

FIG 3(b)



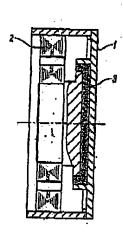


FIG 4

FIG 5